

**To:** Osorto, Cindy[[cosorto@blm.gov](mailto:cosorto@blm.gov)]  
**Cc:** Sally Butts[[sbutts@blm.gov](mailto:sbutts@blm.gov)]  
**From:** Cornachione, Egan  
**Sent:** 2017-06-16T15:27:02-04:00  
**Importance:** Normal  
**Subject:** Re: Questions for Sally  
**Received:** 2017-06-16T15:27:54-04:00  
[Copy of Economic Snapshots NMs and NCAs \(1\).xlsx](#)

On Thu, Jun 15, 2017 at 4:03 PM, Cornachione, Egan <[ecornachione@usgs.gov](mailto:ecornachione@usgs.gov)> wrote:

This looks good to me, I think most of those are pretty straightforward and she'll be able to give a quick answer. For the first one, I have already adjusted the rounding on my spreadsheets so they are ready to go.  
Regarding the author/acknowledgements section, I have added this section in my most recent edits so we can take a look, I based it off of similar reports by NPS and USGS.

I also have one question/issue that I found out about this afternoon... I made a small mistake on the visitor spending calculations shown for the monuments. After going back and fixing this, the actual totals should be slightly higher than what is shown in the current draft of the report. Can we fix this for the final report?

I have some other questions relating to how the report will be published and shared that I would like to go over with her as well.

Thanks!

On Thu, Jun 15, 2017 at 3:45 PM, Osorto, Cindy <[cosorto@blm.gov](mailto:cosorto@blm.gov)> wrote:

Hi Egan,  
These are the questions for Sally that I put together for tomorrow's meeting.

Questions for Sally:

- Can we round all the figures to thousands in the economic contributions sections?  
Egan and Rebecca agree this would be more statistically appropriate and it would not take long to edit.
- Introduction Section Question: Should we mention resource extraction leases?

[REDACTED]

(b) (5) - DPP [REDACTED]

[REDACTED]

■ (b) (5) - DPP [REDACTED]

[REDACTED]

[REDACTED]

- Should we add appendices? I think folks always have the option of printing the sections that they want. The current page count is 39, and the appendix was cut down to 14 pages, so that would be a total of 53 pages (the DOI Economics Report for 2015 had 58 pages)
- Does an author/disclaimer/contributors page in the beginning of the document work? We have a draft available for review.

Best,  
Cindy

--

Cindy G. Osorto  
Planning & Environmental Specialist  
National Conservation Lands (WO-410)  
Bureau of Land Management  
20 M St. SE Washington, DC 20003  
Email: [cosorto@blm.gov](mailto:cosorto@blm.gov) Office: (202) 912-7476

--

**Egan Cornachione**  
*Economic Technician*  
*USGS Fort Collins Science Center*  
*phone: 970-226-9260*

--

**Egan Cornachione**

*Economic Technician*

*USGS Fort Collins Science Center*

*phone: 970-226-9260*

[illegible]

This spreadsheet is designed to generate reports on the economic effects associated with the National Monuments and NCAs program of the BLM. The reports provide information on the output, jobs and incomes supported by National Conservation Lands visitors, displayed in table 1. These figures are put in context in table 3 by representing the output supported per dollar of funding and per acre. In general the per-funding dollar and per-acre totals are not a representation of "return on investment," in that economic contributions are a measure of economic activity. This is the buying and selling of goods and services supported in a region by the visitor spending on trip-related purchases that takes place in that region. Revenues collected are shown in table 2, along with budget and the value of volunteer hours. Revenues are from a variety of activities, from recreation to range management, and timber to lands and realty. Visitation growth rates are shown in the upper row of tables. This is the average annual growth rate of visitation and the median annual growth rate of visitation to the unit. Visitation estimates sometimes change dramatically from year to year as new methods of estimation are used, or as new staff takes over. Thus, some growth rates have a high variability. An average growth rate that is close in magnitude to the median annual growth rate likely represents a more representative growth rate for the unit. The growth rate is important to economic analysis, since a unit experiencing rapid visitation growth will also be generating greater and greater economic contributions to the local economy. Although visitation growth presents management challenges, it boosts both economic contributions and nonmarket values.

## Data Sources and Methods

<b>Visitation:</b>	As reported in the office, RMA, or site that is listed for the unit, from report #23c in BLM's Recreation Management Information System (RMIS). Visits, not visitor days, are used.
<b>Visitation Growth Rates:</b>	Growth rates were determined by calculating the annual rate of change of visitation for each year between 1999 and 2016 at each individual unit. For units that did not report visitation back to 1999, all of the most recent years were used. This was the case for all recent (since 2013) designations as well as Prehistoric Trackways, Sloan Canyon, Beaver Dam Wash, Ironwood Forest, Agua Fria, and California Coastal National Monuments and NCAs. The average and median of these annual growth rates was calculated in Excel.
<b>FY 15 Budget:</b>	The FY 2015 budget was taken directly from the 2015 National Monument Manager's Reports' "total budget" column. Note that this is different than the total program funding that comes from the National Monuments and NCAs program budget.
<b>Volunteer Hours:</b>	Total volunteer hours were taken from the 2015 National Monument Manager's Reports. The "Value" row was calculated by multiplying the total volunteer hours by the official value of a volunteer hour for 2016 as taken from the individual state values from: <a href="https://www.independentsector.org/resource/the-value-of-volunteer-time/">https://www.independentsector.org/resource/the-value-of-volunteer-time/</a>
<b>Revenue:</b>	Revenue is listed as the amount reported for FY2016 in the BLM's Collections and Billing System (CBS) based on the Cost Centers provided for each unit. Several units did not report any revenue, while others seem to have reported revenue, but the amount was reported under other cost centers. Actual collections may for this reason be different than the reported amount.

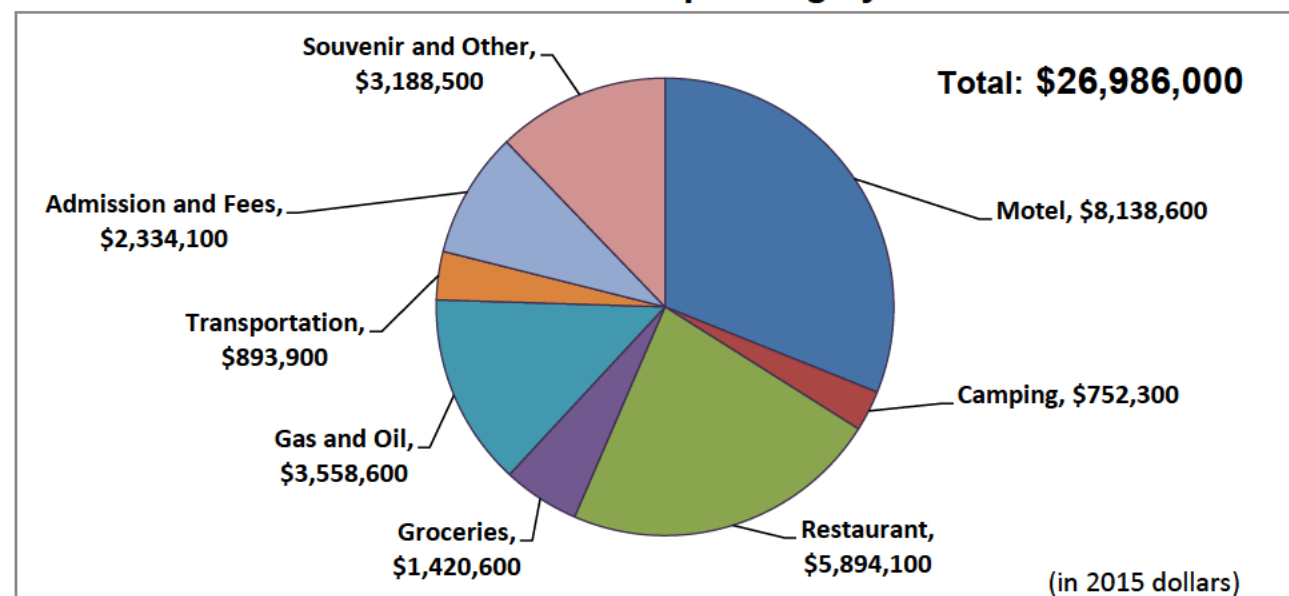


<b>Site Name</b>	Fort Ord
<b>State</b>	CA
<b>Date of Designation</b>	4/20/2012

<b>Visits (2016)</b>	467,848
<b>15yr Average Annual Visitation Growth</b>	35.52%
<b>15yr Median Annual Visitation Growth</b>	9.60%

<b>Acres</b>	7,205
<b>NPS Comparison Site used for Visitor Characteristics</b>	Pinnacles

**2016 Visitor Spending by Sector**



**Table 1: Economic Contributions from Visitors to**

<b>Fort Ord</b>	
<b>Average Expenditures per Visit</b>	<b>\$55.96</b>
<b>Total Expenditures</b>	<b>\$26,986,000</b>
<b>Non-BLM Jobs Supported</b>	<b>412</b>
<b>Labor Income Supported</b>	<b>\$15,908,000</b>
<b>Value Added</b>	<b>\$24,392,000</b>
<b>Total Economic Output Supported</b>	<b>\$40,450,000</b>

**Table 2: Budget, Volunteer Hours, and Revenue**

<b>FY15 Budget</b>	\$1,335,518
<b>Volunteer Hours (2015)</b>	6,863
<b>Value of Volunteer Contributions</b>	\$189,400
<b>FY16 Revenue</b>	\$25

**Table 3: Economic Contributions in Context**

<b>Economic output supported per \$1 of FY15 budget</b>	\$30.29
<b>Economic output supported per acre</b>	\$5,614.16

<b>Table 4: Previous Year Economic Contributions</b>	<b>FY 2014 (in \$2013)</b>				<b>FY 2015 (in \$2014)</b>			
	<b>Visits</b>	<b>Total Spending</b>	<b>Jobs Supported</b>	<b>Output Supported</b>	<b>Visits</b>	<b>Total Spending</b>	<b>Jobs Supported</b>	<b>Output Supported</b>
	189,735	\$10,223,000	159	\$15,018,000	499,112	\$26,892,000	429	\$41,244,000

Sources: Visitation data, visitation growth both from RMIS Accessed December 2016. Acreage, budget, volunteer hours as reported in FY15 Manager's Reports. Value of Volunteer Contributions calculated using state-by-state value per hour of volunteer time from [https://www.independentsector.org/volunteer\\_time](https://www.independentsector.org/volunteer_time). Economic contributions results estimated by assigning visitor characteristics and spending patterns based on visitor surveys of the nearest National Park Service unit (based on data from Thomas and Koontz 2015: [https://www.nps.gov/nature/customcf/NPS\\_Data\\_Visualization/NPS\\_VSE\\_2015\\_FINAL.pdf](https://www.nps.gov/nature/customcf/NPS_Data_Visualization/NPS_VSE_2015_FINAL.pdf)). Contributions results calculated from IMPLAN economic modeling (<http://implan.com/>). Visitation growth rate may be based on fewer than 15 years based on data availability.

Data for Chart Display		
Motel		\$8,138,600
Camping		\$752,300
Restaurant		\$5,894,100
Groceries		\$1,420,600
Gas and Oil		\$3,558,600
Transportation		\$893,900
Admission and Fees		\$2,334,100
Souvenir and Other		\$3,188,500
Lookup	Fort Ord	Total Effect